Digital Telescope

User Manual

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1.Introduction

Name: digital telescope

Specification: DT08

Place of origin: Shenzhen City, Guangdong Province, China

Function: Digital Telescope = Telescope +Video Camera +Digital Camera + Long Focal Length Camera + TF Card Reader

1.1 System requirements

Win98SE/2000/WinMe/XP/Vista/Win 7

Computer hardware requirements

1)Pentium of more than 233MHz

2)Memory of 128MB

3)Graphics card with a memory of more than 2MB (16-bit high-color display)

4)USB interface

5)Hard disk space of more than 600 MB

(P1)

1.2 Suite Description

1)Digital telescope

2)USB cable

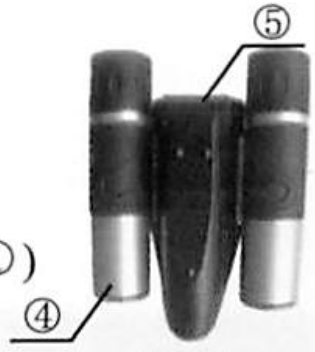
3)Specification

4)Lens cloth

5)AA rechargeable battery (options)

6)AA battery charger (options)

7)Memory card (options)



(P2)

1.3 Digital telescope introduction

1)START/ PHOTOGRAPH button(P1①)

2)VIDEO button(P1②)

3)Camera optical lens(P1③)

4)Telescope viewfinder(P2④)

5)Battery cover(P2⑤)

1.4 Relevant parameters

1)Magnification: 10 times

2)Objective lens diameter: 25mm

3)Field of view: 101 m @ 1000 m

4)Telescope focus range: 3 m to infinity

5)Focus range (cameras) Fixed: 50 m to infinity

6)Sensor Type: CMOS

7)Effective pixels: 1.3 million

8)File format (photo / video / audio): JPEG / MPEG (AVI) / 16bit PC

9)Photo file size (resolution): 1280 * 960

10)Video resolution / frame: 640x480/30fps.

11)Memory Expansion:TF card, up to 32G

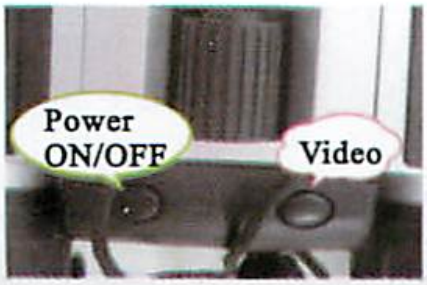
12)Mobile storage: USB2.0 interface, widows xp and the above free driver

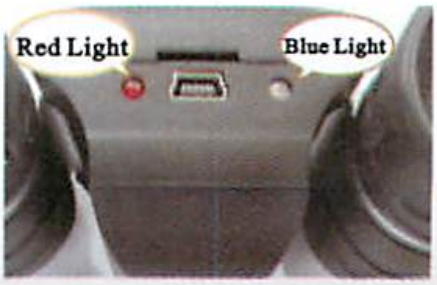
13)Video output: PC camera (windows xp and the above free driver)

14)Power source: two AA batteries, alkaline / lithium battery / NiMH battery

2. Functional operation

1)Starting up





Keep pressing the START/PHOTOGRAPH button to start up, and the red light shines; then the TF card is detected, and the red right flashes once when the detection succeeds, so it is in the standby status. In this status, the red light and blue light flash alternately (with acycle of 2 seconds).

If the detection of TF card fails, the red light shines continuously, and when the blue light flashes 8 times, it shut down; if there is not enough remaining space in the TF card, the red light will keep shining, and the blue light will flash 8 times,then it shuts down.

2)Video recording function

In standby status, press the VIDEO button for a short time, this product will start video recording. During the recording process, the blue light flash and the red light will turn off; repress the VIDEO button for a short time to stop recording, and the blue light turns off, so it is back to the standby status.

In the recording status, press the START/CAMERA button for a short time, this product will save the video files. Whenever it takes a photograph, the blue light and the red light will shine simultaneously, and the product will turn to the standby status.

In the status of recording, if the TF card does not have enough remaining space, the red light will keep shining, and the blue light will fleetingly flash 8 times, then the product turns power-off.

3)Function of photographing

In the standby status ,press the START/PHOTOGRAPH button for a short time, this product will take a photograph, and the blue light and right light will flash once simultaneously, then this product will turn to the standby status.

4)Power off

When it is power-on, keep pressing the START/PHOTOGRAPH button, if it is recording a video,the video file will be saved,and the blue light and the red light will flash five times simultaneously, then this product will shut down; when in the standby status,if there is no operation for five minutes, this product will shut down automatically (the blue light and the red light flash simultaneously five times, and the product shuts down).

5)Low battery voltage

When in the power-on status,if the battery voltage is too low, the blue light will keep shining, and the red light will flash eight times, then the product shut down.

6)Instructions for connecting the computer

When connected to the computer, it will enter the USB mode automatically. Meanwhile, the red light keeps shining, and the blue light flashes.

In the USB mode, press the START/PHOTOGRAPH and shift to the PC Camera function. Meanwhile, both the the red light and the blue light keep shining.

3. Other Notes

3.1 Precautions

1)For the convenience of transportation and usage, this product adopts AA battery, which can not be recharged.

2)This product supports hot-plug TF card. However, TF card plugging can damage the video files, and even damage the memory So try to avoid pluggingthe memory card during card.the video recording process.

3)When in the poor-light environment, try to move the machine stably and smoothly, otherwise smearing and blurring can happen.

4)After use, please remove the battery.

5)Do not use the telescope to watch the sun, or youeyes can be hurt.Be sure to keep it in mind!

3.2 Troubleshooting

1)Question: If the machine crashes, how can I reset it?

Answer: Take out one battery, and re-fit it in three seconds, then it is settled.

2) Question: If long-time pressing theSTART/PHOTOGRAPH button, the machine does not start up, what should I do?

Answer: Check whether the positive and negative terminals of the batteries are correctly placed, or the battery is out of power.

3.3 Protection for the telescope

Digital telescope is a high-precision optical instrument, so in order to avoid damage, please avoid the following practice:

1)Use the telescope in ultra-high or ultra-low temperature.

2)Keep it or use it in moist environment for long.

3)Us it in rainfalls o rin water.

4)Deliver or use it in strongly shocking environment.

Thank you for choosing the series of products designed and produced by our company, hope that our products can bring you happiness and long-lasting memory.